IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kain et al.

App. No : 10/638,173

Filed: August 6, 2003

For : ALTERNATIVE SUBSTRATES AND

FORMATS FOR BEAD-BASED

ARRAY OF ARRAYS

Examiner : B. J. Forman

Art Unit : 1634

Conf No. : 3813

RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is a response to the non-final Office Action issued February 27, 2009 in connection with the above-referenced patent application. Applicants request that the Examiner enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.